Receipt date: 05/20/2005

| Form PTO-1449<br>(REV. 8-83)  |      |  |            | ATTY DOCKET NO.<br>123991          |                 | APLICATION NO.7 3 1                           |   |   |
|---|------|--|------------|------------------------------------|-----------------|---|---|---|
| INFORMATION DISCLOSURE STATEMENT  |      |  |            |                                    |                 | PCT   | 7/JP2003/015                            | 034                                     |
| (Use several sheets if necessary)   |      |  |            | APPLICANTS Naruhiro AKIYAMA et al. |                 |   |   |   |
|   |      |  |            | FILING I<br>May 20,                |                 |   |   |   |
| U.S. PATENT DOCUMENTS   |      |  |            |                                    |                 |   |   |   |
| EXAMINER<br>INITIAL   |      | DOCUMENT NUMBER                              | DATE       |                                    | NAM             | 1E  | CLASS                                   | SUB<br>CLASS                            |
| /GK/  | 1.   | US 4,314,864                                 | 02/09/1982 |                                    | LOEFFLER et al. |   | 000000000000000000000000000000000000000 | A6000000000000000000000000000000000000  |
| /GK/  | 2.   | US 5,411,626                                 | 05/02/1995 |                                    | CORETTA et al.  |   | *************************************** |   |
| FOREIGN PATENT DOCUMENTS  |      |  |            |                                    |                 |   |   |   |
|   |      | DOCUMENT NUMBER                              | DATE       |                                    | COUNTRY         |   | CLASS                                   | SUB<br>CLASS                            |
| /GK/  | 3.   | JP A 2002-254529 w/abstract and translation  | 09/11/2002 |                                    | JAPAN           |   | 300000000000000000                      | 300000000000000000000000000000000000000 |
| /GK/  | 4.   | JP A 2002-326288 w/abstract and translation  | 11/12/2002 |                                    | JAPAN           |   | 100000000000000000000000000000000000000 | 600000000000000000000000000000000000000 |
| /GK/  | 5.   | WO 01/39963 A1                               | 06/07/2001 |                                    | WIPO            |   | *************************************** | *************************************** |
| /GK/  | 6.   | JP A 2003-515474 translation                 | 05/07/2003 |                                    | JAPAN           |   | 200000000000000000000000000000000000000 | 000000000000000000000000000000000000000 |
| /GK/  | 7.   | JP A 08-011232 w/abstract and translation    | 01/16/1996 |                                    | JAPAN           |   | xxxxxxxxxxxx                            | 200000000000000000000000000000000000000 |
| /GK/  | 8.   | EP 0 555 813 B1                              | 08/18/1993 |                                    | EUROPE          |   | 155500000000000000000000000000000000000 | .00000000000000000000000000000000000000 |
| /GK/  | 9.   | JP 06-000894 w/abstract and translation      | 01/11/1994 |                                    | JAPAN           | -   | 500000000000000000000000000000000000000 | 000000000000000000000000000000000000000 |
| /GK/  | 10.  | WO 02/016118 A1                              | 02/28/2002 |                                    | WIPO            | <u>, , , , , , , , , , , , , , , , , , , </u> | 300000000000000000000000000000000000000 | 200000000000000000000000000000000000000 |
| /GK/  | 11.  | JP A 2002-307570 w/abstract and translation  | 10/23/2002 |                                    | JAPAN           |   | 300000000000000000000000000000000000000 | 300000000000000000000000000000000000000 |
| /GK/  | 12.  | JP A 61-167539                               | 07/2       | 9/1986                             | JAPAN           |   |   | 500000000000000000000000000000000000000 |
| /GK/  | 13.  | JP A 04-014437 w/abstract                    | 01/20/1992 |                                    | JAPAN           |   | 200000000000000000000000000000000000000 | 00000000000000000000                    |
| /GK/  | 14.  | JP B2 2522672 w/translation                  | 5/31/1996  |                                    | JAPAN           |   | 200000000000000000000000000000000000000 | 200000000000000000000000000000000000000 |
| /GK/  | 15.  | JP A 2003-039573 w/abstract and translation  | 02/13/2003 |                                    | JAPAN           |   | *************************************** | *************************************** |
| /GK/  | 16.  | EP 1 295 701 A3                              | 03/26/2003 |                                    | EUROPE          |   | 300000000000000000000000000000000000000 | 200000000000000000000000000000000000000 |
| /GK/  | 17.  | JP A 2003-103649 w/abstract and translation  | 04/0       | 9/2003                             | JAPAN           |   | 300000000000000000                      | 000000000000000000000000000000000000000 |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)  |      |  |            |                                    |                 |   |   |   |
|   |      |  |            |                                    |                 |   |   |   |
|   |      |  |            |                                    |                 |   |   |   |
| EXAMINER  | /Gec | /Geoffrey Knable/ DATE CONSIDERED 06/12/2009 |            |                                    |                 |   |   |   |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |      |  |            |                                    |                 |   |   |   |

Date: May 20, 2005